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Hawkins  
Patent 8/7/02



Attorney's Docket No. 004501-501

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Life Patent Application of )  
Klaus BOHNERT et al. ) Group Art Unit: 2829  
Application No.: 09/754,116 ) Examiner: Vinh P. Nguyen  
Filed: January 5, 2001 ) Confirmation No.: 3279  
For: TEMPERATURE-COMPENSATED )  
FIBER OPTIC CURRENT SENSOR )  
(AS AMENDED) )

RECEIVED  
JUL 31 2002  
TECHNOLOGY CENTER 2800

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Official Action dated March 27, 2002, please amend the above-identified application as follows.

✓ IN THE SPECIFICATION:

✓ *Kindly replace the Title of the Invention with the following:*

TEMPERATURE-COMPENSATED FIBER OPTIC CURRENT SENSOR.

*Kindly replace the Paragraph Beginning on Page 11, Line 5 with the following:*

B'

A fiber optic current sensor with a reflection interferometer is illustrated in figure 4. By contrast with the abovedescribed Sagnac interferometer, this current sensor has no return fiber, but an end of a sensor fiber 1 averted from the feed fiber 3 is designed as reflector 3'. As regards the temperature composition, this configuration forms a special